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Mazzocco

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(54) **HOUSING FOR VEHICULAR HVAC SYSTEM
AND DUAL HVAC SYSTEM**

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Primary Examiner — Melvin Jones

(74) *Attorney, Agent, or Firm* — Harness, Dickey &
Pierce, P.L.C.

(71) Applicants: **DENSO International America, Inc.**,
Southfield, MI (US); **DENSO**
CORPORATION, Kariya, Aichi-pref.
(JP)

(72) Inventor: **Nicholas Mazzocco**, Clawson, MI (US)

(73) Assignees: **Denso International America, Inc.**,
Southfield, MI (US); **DENSO**
CORPORATION, Kariya, Aichi-pref.
(JP)

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(57) **ABSTRACT**

A housing for a vehicle HVAC system includes a case and
a drainage port that drains fluid from the case of the housing.
The drainage port includes a spout and defines a first fluid
passage and a second fluid passage. An outlet of the first
fluid passage and an outlet of the second fluid passage may
be adjacent to each other at the spout. The first fluid passage
fluidly couples a first region of the case to the spout, and the
second fluid passage fluidly couples a second region of
the case to the spout. Based on the pressure of the first region
and the second region, fluid flowing through the first fluid
passage or the second fluid passage accelerates at the outlet
of the respective passage to form a vacuum at the spout.

19 Claims, 5 Drawing Sheets

